



C4-B176

C4-FN gas pressure vessels

These vessels offer sufficient volume to safely store or withdraw even large gas quantities.



The actual product may differ slightly from the image.

Standard version

- ball valve DN8 (600 l)
- DILO couplings DN20 (M48x2)
- gauge NG100 in bar, kPa, psi
- safety valve 25 bar
- paint: anthracite-green

Special features

- Gas type: C4-FN
- Storage: gaseous
- Operating pressure: -1 to 25 bar

Advantages & functions

- gaseous storage or withdrawal of gas
- max. operating overpressure 25 bar
- pressure indication in bar, MPa, psi
- stowage for tools and accessories
- frame with pushing bar
- steerable and fixing rollers
- version in accordance with the 2014/68/EU pressure equipment directive, ASME or SQL approval available as an option

Technical data

Dimensions (W x H x D)	950 x 1,020 x 1,850 mm with fixing and steerable rollers (600 l)
Dimensions (W x H x D)	950 x 1,060 x 2,600 mm with fixing and steerable rollers (1000 l)
Dimensions (W x H x D)	950 x 1,020 x 1,850 mm with frame for covering (600 l)
Dimensions (W x H x D)	950 x 1,150 x 2,600 mm with frame for covering (1000 l)
Dimensions (W x H x D)	950 x 1,230 x 1,850 mm with forklift slots (600 l)
Dimensions (W x H x D)	950 x 1,310 x 2,600 mm with forklift slots (1000 l)
Dimensions (W x H x D)	950 x 1,310 x 1,850 mm with frame for covering (600 l)
Dimensions (W x H x D)	950 x 1,400 x 2,600 mm with frame for covering (1000 l)
Dimensions (W x H x D)	1,034 x 1,064 (1,503 with drawbar folded up) x 2,575 mm with chassis with solid tyre wheels (600 l)
Dimensions (W x H x D)	1,034 x 1,225 (1,504 with drawbar folded up) x 3,130 mm with chassis with solid tyre wheels (1000 l)
Operating overpressure	25 bar max.
Operating temperature	-10 to +50 °C
Accuracy	0.03 % (digital weighing scales)

Configuration

Pressure and volume	
R12V1 600l / 25bar	Pressure vessel Pressure fluctuation range: 17.5 bar Load change NB = 20000
R13V1 1000l / 25bar	Pressure vessel Pressure fluctuation range: 17.5 bar Load change NB = 20000
Approval	
CE	in accordance with the 2014/68/EU pressure equipment directive
SQL	in accordance with Supervision Regulation on Safety Technology for Stationary Pressure Vessel TSG21-2016 (Chinese National Regulation) and Standard for Pressure Vessel GB 150-2011 (Chinese National Standard).
ASME	Boiler and Pressure Vessel Code Rules, Section VIII, Division 1
Korea	in accordance with Korean standard
Weighing scales	
without weighing device	
with weighing device	Digital weighing scales with tare function, indication reversible from kg to lb, increment: 0.2kg, illuminated LCD display, battery system with integrated power supply unit and charging display.
Wheels	
fixing and steerable rollers	
chassis with solid tired wheel	diameter 400 mm
Forklift slots	
without forklift slots	
with forklift slots	
Device covering pressure vessel	
without covering	
with frame and tarpaulin	
Transportation lock pressure vessel	
without transportation lock	for fixing and steerable rollers to store the device in a safe way (e.g. on a truck) and to relieve the load from the fixing- and steerable rollers.
with transportation lock	for fixing and steerable rollers

Optional accessories

C4-6-1024-R050 C	Wire-braided hose, 5 m long, coupling tongue part DN20 (C4-VK/F-02/20 C , M48x2) on both ends, PN 40 bar
C4-6-1069-R050 C	5 m long wire braided hose DN20 with protective metal sheathing with coupling tongue part on both ends DN20 (M48x2) - C4-FN

Packaging

3-751-R021-C	Packing for 300/600 l pressure vessels
3-751-R022-C	Packing for 300/600 l pressure vessels with forklift slots
3-751-R023-C	Packing for 300/600 l pressure vessels with chassis
3-751-R024-C	Packing for 1000 l pressure vessels
3-751-R025-C	Packing for 1000 l pressure vessels with forklift slots
3-751-R026-C	Packing for 1000 l pressure vessels with chassis